Title: Purchase Planning and Optimization Inventor: Chandrasekar Vemula Contact Phone Number: 510-396-3817

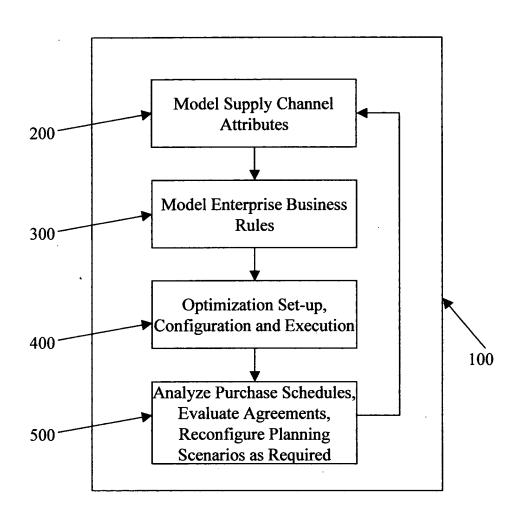


Figure 1

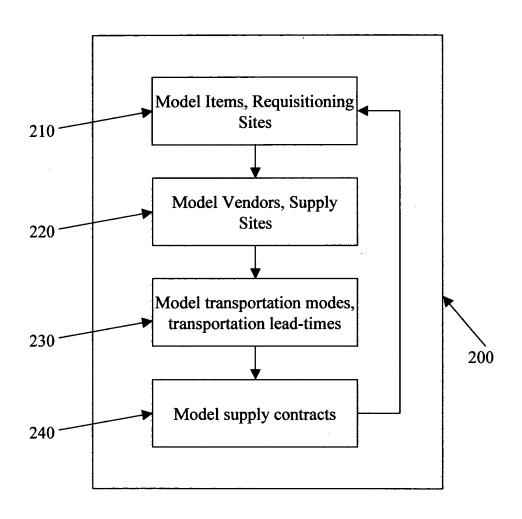


Figure 2

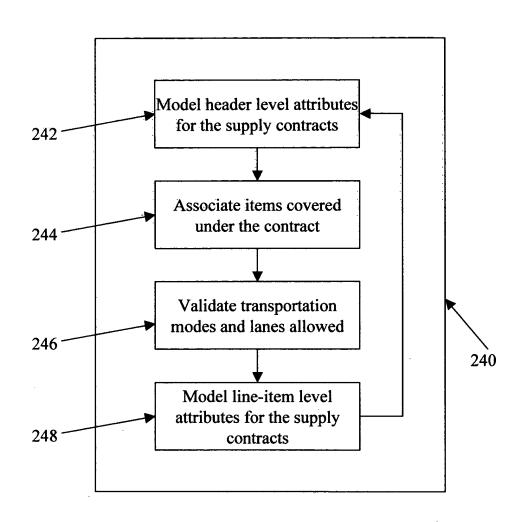


Figure 2A

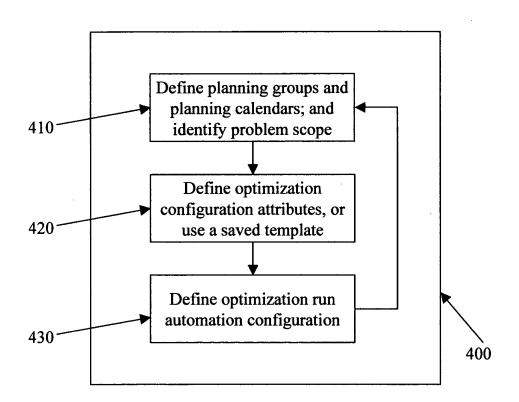


Figure 3

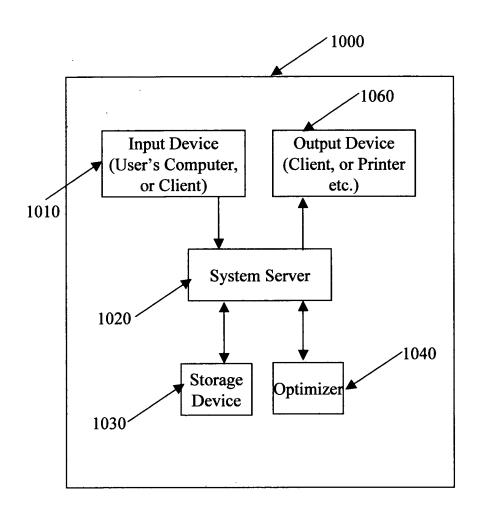


Figure 4